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PTO/SB/01 (10-00)

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It contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted With Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	246/274 (CONEXANT 99RSS239)
First Named Inventor	Berggren
<b>COMPLETE IF KNOWN</b>	
Application Number	09/728,361/
Filing Date	Nov. 30, 2000
Group Art Unit	Unknown
Examiner Name	Unknown

As a below named inventor, I hereby declare that:

As a below, my residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# PHASE NOISE TRACKER WITH A DELAYED ROTATOR

the specification of which

(Title of the Invention)

is attached hereto

28

was filed on (MM/DD/YYYY)

Member of RCT International

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended  
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended  
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT application.

I acknowledge that I am not aware of any prior art which would render my application nonobvious, other than the United States of America, listed below.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 35(c), 365(b), 365(c), or 365(d) of any U.S. application which was filed before June 8, 2001, or 365(a) of any PCT international application which designated at least one country other than the United States of America and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

or 365(a) of any PCT International Application, and have also identified below, by checking the box, any foreign application for patent having a filing date before that of the application on which priority is claimed.				
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?
NONE			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

Additional foreign application numbers are listed on a separate sheet.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) filed by me, or my attorney, agent, or assignee, on [REDACTED]		
Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
NONE		

[Page 1 of 2]

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application



Direct all correspondence to:  Customer Number  
or Bar Code Label 22249 OR  Correspondence address below

Name	LYON & LYON LLP		
Address	Suite 4700		
Address	633 West Fifth Street		
City	State	ZIP	
Los Angeles	CA	90071	
Country	Telephone	Fax	
US	949-567-2300 OR 213-489-1600	949-567-6600 OR 213-955-0440	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name MAGNUS H.		Family Name BERGGREN or Surname	
Inventor's Signature			Date 5/10/01
Residence: City San Diego	State CA	Country USA	Citizenship
Mailing Address 3850 Riviera Drive, #1D			
Mailing Address			
City San Diego	State CA	ZIP 92109	Country USA
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name PRANESH		Family Name SINHA or Surname	
Inventor's Signature	Date		
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

O I P E  
JUN 20 2001  
U.S. PATENT & TRADEMARK OFFICE  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22249	OR	<input type="checkbox"/> Correspondence address below
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Name	LYON & LYON LLP		
Address	Suite 4700		
Address	633 West Fifth Street		
City Los Angeles	State CA	ZIP 90071	
Country US	Telephone 949-567-2300 OR 213-489-1600	Fax 949-567-6800 OR 213-855-0440	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name MAGNUS H.		Family Name BERGGREN or Surname	
Inventor's Signature		Date 5/22/01	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name PRANESH		Family Name SINHA or Surname	
Inventor's Signature	Date 5/22/01		
Residence: City San Diego	State CA	Country USA	Citizenship India
Mailing Address 14821 Summerbreeze Way			
Mailing Address			
City San Diego	State CA	ZIP 92128	Country USA
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			



POWER OF ATTORNEY  
By Assignee

CONEXANT SYSTEMS, INC., assignee(s) of the application for United States Letters Patent for an improvement in

PHASE NOISE TRACKER WITH A DELAYED ROTATOR  
by Magnus H. Berggren and Pranesh Sinha,

the specification of which:

- is filed herewith, OR  
 was filed on November 30, 2000, having U.S. Patent Application Serial No. 09/728,351,

does hereby appoint as its attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by Customer Number 22249:



22249

PATENT TRADEMARK OFFICE

LYON & LYON LLP  
Suite 4700  
633 W. Fifth Street  
Los Angeles, CA 90071  
(213) 489-1600

Please send all correspondence to the attention of David E. Wang, at the above Customer Number, and direct all telephone calls to **(949) 567-2177**.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

- is filed for recordation herewith; or  
 was recorded at Reel \_\_\_\_, Frame \_\_\_\_; or  
 has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Conexant Systems, Inc.	
Post Office Address: 4311 Jamboree Road, Newport Beach, CA 92660-3095	
Signature of Declarant or Assignee:	Date: 4/10/2001
Full Name of Declarant If Other Than Assignee:	Daniel N. Yannuzzi
Title of Declarant:	Vice President and Chief IP Counsel
Address of Declarant: Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, CA 92660-3095	

ASSIGNMENT

WHEREAS, we, MAGNUS H. BERGGREN, residing at USA,  
a citizen of Sweden, and PRANESH SINHA,  
residing at \_\_\_\_\_, a citizen of \_\_\_\_\_

\_\_\_\_\_ respectively (hereinafter referred to as "ASSIGNORS"), have invented  
and own a certain invention entitled "PHASE NOISE TRACKER WITH A DELAYED  
ROTATOR," for which application for Letters Patent of the United States of America has  
been made on November 30, 2000 and assigned serial no. 09/728,351; and

WHEREAS, CONEXANT SYSTEMS, INC., a corporation organized and  
existing under and by virtue of the laws of the State of Delaware and having its principal  
place of business at 4311 Jamboree Road, Newport Beach, California 92660-3095  
(hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right,  
title and interest in, to and under said invention and in, to and under Letters Patent or  
similar legal protection to be obtained therefor in the United States of America, its  
territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of  
which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over  
unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title  
and interest to said invention and to all Letters Patent or similar legal protection, not  
only in the United States and its territorial possessions, but in all countries foreign  
thereto, to be obtained for said invention by said application or any continuation,  
division, renewal, substitute or reissue thereof or any legal equivalent thereof in a

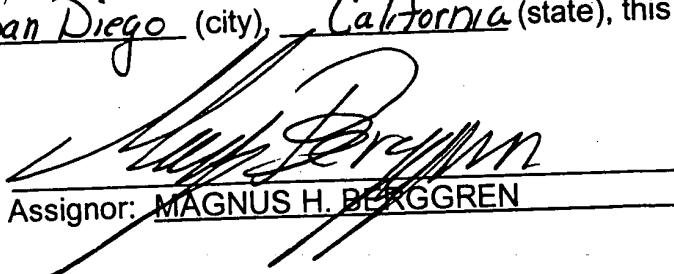
COPY

foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner for Patents to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Diego (city), California (state), this  
10<sup>th</sup> day of May, 2001.

  
Assignor: MAGNUS H. BERGGREN

STATE OF CALIFORNIA

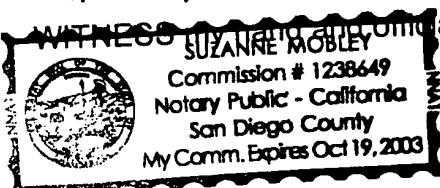
)  
) ss

COUNTY OF San Diego)

On May 10, 2001, before me, Suzanne Mobley,  
a Notary Public in the state and county aforesaid, personally appeared MAGNUS H.  
BERGGREN personally known to me

- OR -

~~proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.~~



Suzanne Mobley  
Notary Public in and for  
said County and State

WITNESS my hand at \_\_\_\_\_ (city), \_\_\_\_\_ (state), this

day of \_\_\_\_\_, 2001.

Assignor: PRANESH SINHA

STATE OF CALIFORNIA

)  
) ss  
)

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_,  
a Notary Public in the city and state aforesaid, personally appeared PRANESH SINHA  
personally known to me

- OR -

~~proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.~~

WITNESS my hand and official seal.

Notary Public in and for  
said County and State

ASSIGNMENT

WHEREAS, we, MAGNUS H. BERGGREN, residing at \_\_\_\_\_  
\_\_\_\_\_, a citizen of \_\_\_\_\_, and PRANESH SINHA,  
residing at 14821 Summerbreeze Way, San Diego, CA 92128, a citizen of India  
\_\_\_\_\_, respectively (hereinafter referred to as "ASSIGNORS"), have invented  
and own a certain invention entitled "PHASE NOISE TRACKER WITH A DELAYED  
ROTATOR," for which application for Letters Patent of the United States of America has  
been made on November 30, 2000 and assigned serial no. 09/728,351; and

WHEREAS, **CONEXANT SYSTEMS, INC.**, a corporation organized and  
existing under and by virtue of the laws of the State of Delaware and having its principal  
place of business at 4311 Jamboree Road, Newport Beach, California 92660-3095  
(hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right,  
title and interest in, to and under said invention and in, to and under Letters Patent or  
similar legal protection to be obtained therefor in the United States of America, its  
territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of  
which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over  
unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title  
and interest to said invention and to all Letters Patent or similar legal protection, not  
only in the United States and its territorial possessions, but in all countries foreign  
thereto, to be obtained for said invention by said application or any continuation,  
division, renewal, substitute or reissue thereof or any legal equivalent thereof in a

Lyon & Lyon Docket No. 246/274  
Conexant Docket 99RSS239  
Patent

foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner for Patents to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at \_\_\_\_\_ (city), \_\_\_\_\_ (state), this  
\_\_\_\_ day of \_\_\_\_\_, 2001.

Assignor: MAGNUS H. BERGGREN

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) ss  
)

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_  
a Notary Public in the state and county aforesaid, personally appeared MAGNUS H.  
BERGGREN personally known to me

- OR -  
proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for  
said County and State

WITNESS my hand at San Diego (city), CA (state), this

22nd day of May, 2001.

Assignor: PRANESH SINHA

STATE OF CALIFORNIA )  
COUNTY OF San Diego ) ss

On May 22, 2001, before me, Suzanne Mobley,  
a Notary Public in the city and state aforesaid, personally appeared PRANESH SÍNHA  
personally known to me

- OR -  
proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for  
said County and State

